

**Bureau of Reclamation Mission Critical Systems Inventory
Year 2000 Report**

System Name or Acronym	Brief Description	Contact	Method Scheduled	Renovation Scheduled	Validation Scheduled	Implement Scheduled	IV&V Scheduled
			(Actual)	(Actual)	(Actual)	(Actual)	(Actual)
EM340	Digital 340 Terminal Emulation software for Hydromet interfaces	Michael Pluto 208-378-5183	Repair	(1/1998)	(1/1998)	(1/1998)	(1/1998)
DAMS	Instrumentation database	Jerry Baab 303-445-3053	Repair	(3/1998)	(3/1998)	(6/1998)	(6/1998)
HYDROSS	Water rights and supply accounting model	Nancy Parker 303-445-2532	Repair	(12/1997)	(1/1998)	(6/1998)	(6/1998)
SCADA WYAO	Monitor and control system for power plants and dams.	Larry Aksamit 307-261-5636	Repair	(11/1997)	(12/1997)	9/1998 (90%)	9/1998 (70%)
GP Hydromet Support	Regional Hydromet data for reports and Maintenance	Robert Smith 406-247-7852	Repair	(12/1997)	(7/1998)	9/1998 (95%)	8/1998 (0%)
Hydromet PN1	Yakima Hydromet System	Michael Pluto 208-378-5183	Repair	*9/1998 (80%)	*9/1998 (80%)	*9/1998 (80%)	*9/1998
Inhouse Hydromet	Hydromet Analysis tools	Michael Pluto 208-378-5183	Repair	*9/1998 (80%)	*9/1998 (80%)	*9/1998 (80%)	*9/1998

Sutron Hydromet	Hydromet data collection, translation & storage	Michael Pluto 208-378-5183	Repair	*9/1998 (75%)	*9/1998 (75%)	*9/1998 (75%)	*9/1998
NPRDWA	Automated daily accounting of stream flows, reservoir conditions, and ownership in the North Platte River basin of Wyoming.	Robert Smith 406-247-7852	Repair	(11/1997)	5/1998 (100%) (12/1997)	*9/1998 (95%)	8/1998 (0%)
Inhouse Agrimet	Data analysis and formatting.	Michael Pluto 208-378-5183	Repair	*9/1998 (80%)	*9/1998 (80%)	*9/1998 (80%)	*9/1998
Inhouse River Ops	Data analysis tools.	Michael Pluto 208-378-5183	Repair	*9/1998 (80%)	*9/1998 (80%)	*9/1998 (80%)	*9/1998
Modsim	River System Operations Simulation	Roger Larson 208-378-5274	Repair	9/1998 (90%)	9/1998 (90%)	*9/1998 (90%)	9/1998
**Umatilla Planning Mod	River System Operations Simulation	Roger Larson 208-378-5274	Repair	9/1998 (75%)	9/1998 (75%)	*9/1998 (75%)	9/1998
**Yakima Planning Model	River Operations Simulation	Roger Larson 208-378-5274	Repair	6/1998 (75%)	9/1998 (75%)	*9/1998 (75%)	9/1998
**PNOOPER	Real-time hydrologic and meteorologic data simulation	Roger Larson 208-378-5274	Repair	9/1998 (75%)	9/1998 (70%)	*11/1998 (60%)	10/1998
CRSSP SCADA	Remote control generation and water bypass for eight hydroelectric plants	John Beadle 520-645-0492	Repair	***9/1998 (25%)	12/1998 (0%)	3/1999 (0%)	3/1999 (0%)

*System is modular in design and certain components can be implemented before entire system is renovated and tested.

** Umatilla and Yakima Planning Models, and PNOOPER will be replaced by MODSIM. Only data files will need conversion for the three modeling programs to be incorporated into MODSIM.

***An October 1997 plane crash took the lives of several Bureau of Reclamation (BOR) employees, including the only two people familiar with the system that is used at the Glen Canyon Powerplant. With a replacement now on board, the system builder, GE Harris, was asked to reassess the cost of renovating the antiquated control system (SCADA). Their preliminary estimate was significantly higher than the original estimate given to the previous managers, so a statement of work was developed requiring a three phase effort to reassess costs, make repairs, and test the system for Y2K compliance. In the meantime, a waiver to the Dual-Compensation Act has been requested from OPM for 10 Powerplant Operators.

Table Legend

Data current as of 7/24/1998

Y2K Compliant
Currently On Schedule
Concern with Meeting Current Schedule
Behind Schedule